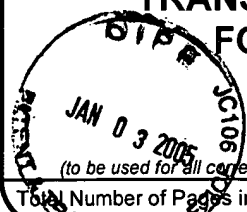
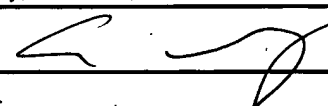
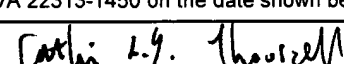


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TRANSMITTAL FORM 		Application Number	10/709,498
		Filing Date	May 10, 2004
		First Named Inventor	Heng-Chia CHANG
		Art Unit	3662
		Examiner Name	Not yet assigned.
Total Number of Pages in This Submission	13	Attorney Docket Number	62348.00003

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form w/ duplicate [Total 2 pages] <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement pursuant to 37 C.F.R. §1.97(b) [Total 2 pages] <input checked="" type="checkbox"/> PTO/SB/08a IDS by Applicant with copy of references 5 & 6. [Total 8 pages]	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm	Squire, Sanders & Dempsey L.L.P. 600 Hansen Way, Palo Alto, CA 94304-1043		
Signature			
Printed Name	Aaron Winger		
Date	December 28, 2004	Reg. No.	45,299

CERTIFICATE OF TRANSMISSION/MAILING			
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Typed or printed name	Cathi L.G. Thorsell	Date	December 28, 2004

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FREE TRANSMITTAL for FY 2005 JAN 03 2005 Effective 01/01/2004. Patent fees are subject to annual revision. <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Complete if Known		
		Application Number	10/709,498	
		Filing Date	December 28, 2004	
		First Named Inventor	Heng-Chia CHANG	
		Examiner Name	Not yet assigned.	
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TOTAL AMOUNT OF PAYMENT (\$)		0	Attorney Docket No.	10/709,498

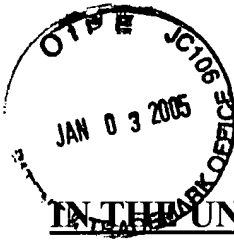
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SUBMITTED BY				Complete (if applicable)	
Name (Print/Type)	Aaron Winger	Registration No. (Attorney/Agent)	45,229	Telephone	(650) 856-6500
Signature		Date	December 28, 2004		

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Heng-Chia CHANG Examiner: Not yet assigned.
Serial No.: 10/709,498 Art Unit: 3662
Filed: May 10, 2004
Title: UWB PULSE GENERATOR AND UWB PULSE
 GENERATION METHOD

Mail Stop AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT PURSUANT TO
37 C.F.R. §§1.97(b)**

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56 and pursuant to 37 CFR §§1.97-1.98, Applicant hereby notifies the U.S. Patent and Trademark Office of the references listed on the enclosed Form PTO-1449. One copy of each non-patent literature document cited reference is submitted herewith. Pursuant to the PTO's waiver of the requirements under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent/patent application for new applications filed after June 30, 2003, we are not submitting copies of the U.S. patents cited.

The present Information Disclosure Statement is being filed more than three months after the filing date but before receiving the first Office Action. Accordingly, no fee or certification is needed.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant reserves the right to dispute any of the listed documents as prior art during examination. Furthermore, Applicant does not waive any right to take any action that would be appropriate to antedate or

otherwise remove any listed document as a competent reference against the claims of the present application. The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other material information may exist.

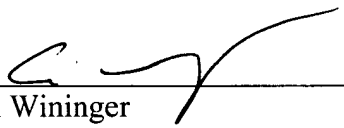
The Examiner is requested to initial the enclosed Form PTO-1449 and return a copy thereof to the undersigned.

If for any reason an insufficient fee has been paid, please charge the insufficiency to Deposit Account No. 05-0150.

Date: 12/28/04

Respectfully submitted,

Squire, Sanders & Dempsey LLP
600 Hansen Way
Palo Alto, CA 94304-1043
Tel: (650) 856-6500
Fax: (650) 843-8777

By 
Aaron Wininger
Attorney for Applicant(s)
Registration No.: 45,229

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

Date: Dec. 28, 2004 By: Cathi L.G. Thoorzell
Cathi L.G. Thoorzell

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Substitute for H.R. 449A/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

<i>Application Number</i>	10/709,498
<i>Filing Date</i>	May 10, 2004
<i>First Named Inventor</i>	Heng-Chia CHANG
<i>Art Unit</i>	3662
<i>Examiner Name</i>	Not yet assigned.
<i>Attorney Docket Number</i>	62348.00003

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	1	US- 4, 813,057	03-14-1989	Larry W. FULLERTON	
	2	US- 4,641,317	02-03-1987	Larry W. FULLERTON	
	3	US- 4,979,186	12-18-1990	Larry W. FULLERTON	
	4	US-5,363,108	11-08-1994	Larry W. FULLERTON	

[illegible]Date
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

Application Number	10/709,498
Filing Date	May 10, 2004
First Named Inventor	Heng-Chia CHANG
Art Unit	3662
Examiner Name	Not yet assigned.
Attorney Docket Number	62348.00003

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	HAN, J., <i>et al.</i> , "A New Ultra-Wideband, Ultra-Short Monocycle Pulse Generator with Reduced Ringing," <u>IEEE Microwave and Wireless Components Letters</u> , June 2002, Vol. 12, Issue 6, pp. 206-208.	
	6	LEE, J.S. <i>et al.</i> , "Novel Low-Cost Ultra-Wideband, Ultra-Short-Pulse Transmitter with MESFET Impulse-Shaping Circuitry For Reduced Distortion and Improved Pulse Repetition Rate," <u>IEEE Microwave and Wireless Components Letters</u> , Vol. 11, Issue 5, pp. 208-210, May 2001.	

Examiner Signature		Date Considered	
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